

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	Appalachian
State	North Carolina
Discipline Group	Wildlife Wetland
Practice Code/Name	658 - Wetland Creation
Scenario ID	1
Scenario Name	Wetland Creation, Wildlife Pond
Scenario Description	A wetland is created on a flat mineral upland at a location where surface runoff may be intercepted and ponded by excavation. Resource concerns are 22 - INADEQUATE HABITAT FOR FISH AND WILDLIFE - Habitat degradation.
Before Practice Situation	The site is in cropland on an upland, non floodplain site (interfluv).
After Practice Situation	An excavation with an average depth of 12" has created a shallow depression in a broad swale which intercepts surface runoff. The excavated material has been spread on adjacent areas. The INADEQUATE HABITAT FOR FISH AND WILDLIFE resource concern has been addressed with the provision of seasonal open water for terrestrial, aquatic, and waterfowl species.
Scenario Feature Measure	Acres of Wetland
Scenario Unit	Acre
Scenario Typical Size	10

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$0.00	\$0.00
Equipment/Installation	\$13,794.57	\$1,379.46
Labor	\$0.00	\$0.00
Mobilization	\$346.40	\$34.64
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$1,676.90	\$167.69
Total	\$15,817.87	\$1,581.79

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Equipment/Installation	48	Excavation, Common Earth, side cast, small equipment	Bulk excavation and side casting of common earth with hydraulic excavator with less than 1 CY capacity. Includes equipment and labor.	Cubic yard	\$1.71	8067	\$13,794.57
Mobilization	1140	Mobilization, large equipment	Equipment >150HP or typical weights greater than 30,000 pounds or loads requiring over width or over length permits.	Each	\$173.20	2	\$346.40
Foregone Income	1959	FI, Corn Dryland	Dryland Corn is Primary Crop	Acre	\$167.69	10	\$1,676.90